



**Federal Urdu University of Arts, Science and Technology  
Islamabad**

**Department of computer science  
Discipline: BS (CS) 6th B (Morning)**

**Subject: Computer Graphics**

**Exam: - Mid Term**

**Total Marks: 30**

**Time: 1.5Hrs**

**Attempt All Questions**

Q-1      a) Write down the Line generating Algorithm

b) Write down the Ellipse generating Algorithm

Q-2      a) Briefly explain the concept of Pixels with suitable example.

b) Explain the Rotation in 3-D Geometric Transformation.

Q-3      Discuss the 2-D Transformations in detail.

**GOOD LUCK**